AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended)   A resolution conversion method for converting color data output from a single-plate-type color-image sensor into data of a predetermined resolution and at the same time, processing the color data so that the pixel positions of respective colors coincide with each other,

wherein resolution conversion processing that converts the data of each pixel into data of the predetermined resolution and simultaneous processing that processes the color data so that the pixel positions of respective colors coincide with each other are performed simultaneously in a circuit, and

wherein ~~plural processes to convert the color data into different resolutions are stored in advance and some of the plural processes are~~ the resolution conversion processing is treated by one of a plurality of processing units converting resolution, each other and the processing unit is selected and executed according to an external direction.

2. (Original)   The resolution conversion method as set forth in claim 1, wherein the resolution conversion processing and the simultaneous processing perform weighting operations on the color data of pixels including each pixel and neighboring pixels adjacent to said each pixel.

3. (Canceled)

4. (Currently Amended)   A pixel data processing circuit comprising a resolution conversion/simultaneous processing circuit that converts color data output from a single-plate-type color-image sensor into data of a predetermined resolution directed from the outside and, at the same time, that processes the color data so that the pixel positions of respective colors coincide with each other,

wherein the resolution conversion/simultaneous processing circuit performs simultaneously the resolution conversion processing that converts the data of each pixel into data of the predetermined resolution and the simultaneous processing that processes so that the pixel positions of respective colors coincide with each other, and

wherein ~~the resolution conversion/simultaneous processing circuit stores plural processes to convert the color data into different resolutions and selects and executes some of the plural processes~~ <u>the resolution conversion/simultaneous processing circuit includes a plurality of processing units converting resolution, the plurality of processing units execute different resolution conversions with each other and the processing unit is selected and executed</u> according to a direction from the outside.

5. (Original) The pixel data processing circuit, as set forth in claim 4, wherein the resolution conversion/simultaneous processing circuit performs weighting operations on the color data of pixels including each pixel and neighboring pixels adjacent to said each pixel.

6.   (Canceled)

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